



16569 U.S. PTO

PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

EI-7625

First Inventor

David M. Marchand et al.

Title

Removal of Alcohols and Water from a Methylcyclopentadiene  
Recycle Stream in a Process for the Synthesis of  
Methylcyclopentadienyl Manganese Tricarbonyl

Express Mail Label No.

EU768641430US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17) \*TRANSMITTAL, w/certif. of mailing and fee calculation  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 10]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets \_\_\_\_\_]
5. Oath or Declaration [Total Sheets 2]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449  
Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Express Mail Certificate, 37 CFR 1.10  
Utility Patent Application Trans., PTO/SB/05

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation☐ Divisional☐ Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Art Unit: \_\_\_\_\_

For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS



Customer Number:

34769

OR ☐

Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

Dennis H. Rainear

Registration No. (Attorney/Agent)

32,486

Signature

Date

March 15, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

16834 U.S. PTO  
10/800784

**TRANSMITTAL**

In Re Application of: David M. Marchand et al. )  
 )  
 Serial Number: Not yet assigned )  
 )  
 Filed: March 16, 2004 )  
 )  
 For: **REMOVAL OF ALCOHOLS AND** )  
**WATER FROM A METHYLCYCLO-** )  
**PENTADIENE RECYCLE STREAM IN A** )  
**PROCESS FOR THE SYNTHESIS OF** )  
**METHYLCYCLOPENTADIENYL** )  
**MANGANESE TRICARBONYL** )

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §§ 1.8 and 1.10**

I hereby certify that the complete patent application stapled hereto and identified below is being deposited by me with the United States Postal Service as **Express Mail** (Express Mail Label No. **EU768641430US**) on **March 15, 2004**, with sufficient postage in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Beth Earnest

Mail Stop Patent Application  
 Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an application for U.S. Patent, including the following:

Utility Patent Application Transmittal, PTO/SB/05  
 Application for Patent (10 pages, 9 claims)  
 Executed Declaration, Power of Attorney and Petition  
 Executed Assignment and Recordation Cover Sheet, PTO-1595  
 Return Postcard

The claim fee has been calculated as shown below:

|                       |   |   |                             | <b>Other than a Small Entity</b> |                             |
|-----------------------|---|---|-----------------------------|----------------------------------|-----------------------------|
|                       | <b>Claims</b>                                 | <b>Highest Number Previously Paid for</b> | <b>Extra Claims Present</b> | <b>Rate</b>                      | <b>Additional Claim Fee</b> |
| <b>TOTAL</b>          | <b>9</b>                                      | <b>20</b>                                 | <b>2</b>                    | <b>X 18=</b>                     | <b>\$</b>                   |
| <b>INDEPENDENT</b>    | <b>2</b>                                      | <b>3</b>                                  |                             | <b>X 86=</b>                     | <b>\$</b>                   |
| <b>Yes ___ No _X_</b> | <b>First Presentation of Multi-Dep. Claim</b> |   |                             | <b>+ 290=</b>                    | <b>\$</b>                   |
|                       |   |   |                             | <b>TOTAL</b>                     | <b>\$</b>                   |

☒ Please charge my Deposit Account No. 05-1372 in the amount of \$810.00 (\$770.00 for the basic filing fee – utility, and \$40.00 for the recordation fee). A duplicate copy of this sheet is attached.

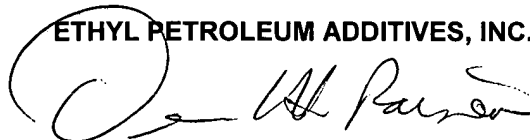
☒ The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 05-1372. A duplicate copy of this sheet is attached.

☒ Any filing fees under 37 C.F.R. § 1.16 for the presentation of extra claims.

☒ Any patent application processing fees under 37 C.F.R. § 1.17.

Respectfully submitted,

**ETHYL PETROLEUM ADDITIVES, INC.**

A handwritten signature in black ink, appearing to read "Dennis H. Rainear", is written over the company name.

Dennis H. Rainear, Reg. No. 32,486

330 South Fourth Street  
Richmond, VA 23219  
Phone: 804-788-5516  
Facsimile: 804-788-5519

Date: March 15, 2004